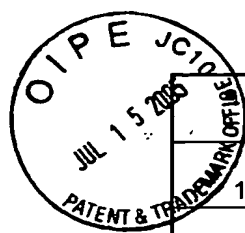


07-18-05

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<b>AMENDMENT TRANSMITTAL LETTER</b>			Docket No. TGZ-030
Application No. 10/816514-Conf. #9911	Filing Date March 31, 2004	Examiner K. S. Menon	Art Unit 1723

Applicant(s): John R. GILBERT *et al.*


Invention: IMPLEMENTATION OF MICROFLUIDIC COMPONENTS, INCLUDING MOLECULAR FRACTIONATION DEVICES, IN A MICROFLUIDIC SYSTEM

**TO THE COMMISSIONER FOR PATENTS**

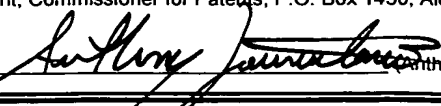
Transmitted herewith is an amendment in the above-identified application.  
The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	58	- 59 =	0	x	
Independent Claims	10	- 10 =	0	x	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					0.00

- ☐ Large Entity ☒ Small Entity
- ☒ No additional fee is required for this amendment.
- ☐ Please charge Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_.  
A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 12-0080  
as described below. A duplicate copy of this sheet is enclosed.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

  
Anthony A. Laurentano  
Attorney Reg. No.: 38,220  
  
LAHIVE & COCKFIELD, LLP  
28 State Street  
Boston, Massachusetts 02109  
(617) 227-7400

Dated: July 15, 2005

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV553870342US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.	
Dated: July 15, 2005	Signature:  (Anthony A. Laurentano)

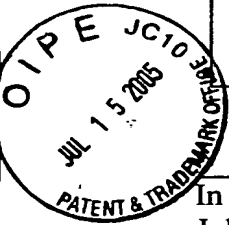
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Dated: July 15, 2005

Signature:

  
(Anthony A. Laurentano)

Docket No. TGZ-030  
(PATENT)



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
John R. Gilbert *et al.*

Application No. 10/816,514

Confirmation No. 9911

Filed: March 31, 2004

Art Unit: 1723

For: IMPLEMENTATION OF MICROFLUIDIC  
COMPONENTS, INCLUDING MOLECULAR  
FRACTIONATION DEVICES, IN A  
MICROFLUIDIC SYSTEM

Examiner: K. S. Menon

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated April 18, 2005 (Paper No. 0405), please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 12 of this paper.